

## FINDING TECHNIQUE FOR A SCHEDULING SYSTEM

### ABSTRACT OF THE DISCLOSURE

An aspect of the present invention includes a method for finding an opening in which to fit an order in a schedule. The method includes computing an amount of time required in a shift to fit the order, and creating a schedulable time block from a virtual free time block. The schedulable time block includes a primary block. The method further includes examining the primary block. The primary block is a candidate for fitting the order if the duration of the primary block, excluding at least one break, is greater than or equal to the amount of free time required in the shift to fit the order. The method further includes creating at least one opening in the shift from the schedulable time block so as to present to a customer at least one option of fitting the order in the schedule to perform a desired service.